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Technical specification for moisture retention in grain storage

储粮保水技术规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the State Administration of Grain and Material Reserves.

This document is under the jurisdiction of the National Technical Committee on Cereals and Oils Standardization (SAC/TC270).

This document was drafted by: China National Grain and Oils Corporation Chengdu Storage Research Institute Co., Ltd., China National Grain and Oils Corporation, Nanjing University of Finance and Economics, Liaoning Provincial Institute of Food Science, National Institute of Grain and Material Reserves, Henan University of Technology, Shandong Jinzhong Technology Group Co., Ltd. company.

The main drafters of this document are: Wang Shuanglin, Li Haojie, Cao Yi, Zhu Kai, Jiang Shiyong, Zhu Yanguang, Kong Dexu, Zhang Zhihang, Li Yue, Ding Chao, Zheng Yancheng, Yan Xiaoping, Chen Jinying, Ye Zhenhong, Yuan Jian, Liu Qiang, Liu Shengqiang, Hu Kun, Wang Chen, Li Xingjun, Tang Fang, Wang Yanyan, Zi Qiang.

Technical Specifications for Grain Storage and Water Conservation

1 Scope

This document specifies the basic requirements for grain storage and water conservation,

grain storage technology and management.

This document applies to grain storage and water conservation of rice, wheat and corn.

2 Normative references

GB/T 18835

GB/T 20108

GB/T 26880

GB/T 26882.1

GB/T 29374

GB/T 29890

GB/T 43994

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Technical measures taken to reduce grain moisture loss during grain storage.

3.2

Food that can be safely stored at low temperatures and can be stored for a short period of time at local room temperature but cannot safely survive the summer.

Note. Generally refers to grains whose moisture content is within 1 percentage point higher than the safe storage moisture content.

4.1 Warehouse and facility requirements

4.1.1 The warehouse shall comply with the basic requirements for granaries in GB/T 29890.

4.1.2 The design and layout of the mechanical ventilation system shall comply with the relevant requirements of LS/T 1202.

4.1.3 The layout and equipment performance of the grain condition detection system shall comply with the relevant requirements of GB/T 26882.1.

4.1.4 The type and performance parameters of grain coolers shall comply with the relevant requirements of GB/T 18835.

4.1.5 The type and performance parameters of air conditioners shall comply with the

relevant requirements of GB/T 20108.

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